

Rec'd Jan 20<sup>th</sup> /  
Ans 21

Bot. Gard., Cambridge  
Jan'y 14/74

Dear Dr. Engelman,

I believe I send  
you all that you ask for. Have  
no Eastern *J. Sabina* but from N. York and  
New Brunswick — no W. Indian Juniper  
but Wrights 314), better specimens.

I have not had the pleasure of  
seeing Mrs. Young's book, though she said  
she had directed a copy to be sent here,  
and did not know that I had done any-  
thing of moment in the way of "instruc-  
tion". Must ask her for a copy and  
see what Buckley's things are. He and  
Kellogg and Featherman would make a  
good trio in partnership.

Yours very truly

Frederick Watson



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Rec<sup>d</sup> Feb 28  
Ans March 7

BOTANIC GARDEN, CAMBRIDGE, MASS.

Feb 16<sup>th</sup> 1874

Dear Dr. Engelman,

Turn about  
is fair play! Can you do any-  
thing for me towards working up  
the Poplars of the west? The  
more I look at them the ~~less~~ <sup>less</sup> I  
think I know about them. And the  
main trouble is the want of mate-  
rial. There are no complete des-  
criptions of ~~any~~ of our  
species, and to make such  
there are needed the flowers &  
buds of both sexes and the ma-  
ture fruit.

I am satisfied about *P. tremuloides*  
and *P. trichocarpa*. There is also a  
well-marked Californian *P. Fremontii* (= *P. 243 Fremontii*, 1846) - but as for the  
moniliform and balsamiferous



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Feb 16, '74

species, how many there are  
and what they are, I have no  
means of making out. The material  
is wonderfully scanty, especially  
of flowers and fruit that can be  
relied upon as belonging together. If  
your collection will help ma-  
terially I wish that you would  
send it to me.

And I will write to a few  
collectors and see if during the  
coming season something cannot  
be done in the way of additional  
specimens.

Courtesy of  
Seymour Watson



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*[Faint handwritten signature or name]*



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Recd May 16<sup>th</sup>  
An

Watson, Sargent

Bot. Garden, Cambridge

May 12 / 1874

My dear Dr. Engelman,

It looks  
very much as if you were too late  
with the *Juniperus osteosperma*. I find  
to day in Rame Hooker of twenty years  
ago a description by Carrière of  
which I suspect is the same thing.  
I enclose tracing of figure and all  
of his talk.

Yours very truly  
Sargent Watson

I found the volume in the Bot. Hort.  
Soc. Library, which I have just been  
going through.

Prof. Sargent is desirous of procuring a copy  
of your Revision of *Quercus*, and also that a  
copy might be sent to M. Thuret at Antibes  
if you have not already sent him one. Dr. Gray



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monro wishes me to ask if you have  
seen his articles in the Nation on the Dione  
- will send them to you, if not and  
come to see them. Dr. Mellichamp has  
been making some interesting observations  
on *Soroceria viridolens*, thinks the liquid  
in the tubes has an anesthetic effect on  
the flies, &c. &c.

Yours, S.W.,

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Rec<sup>d</sup> May 18<sup>th</sup>  
Ans May 18<sup>th</sup>

May 13 74

My Dear Dr.

The quercus  
chrysolepis is biennial.  
I find a specimen among  
Browns which decides it,  
having the young flowers on  
the new wood, and the still  
immature acorns on the  
old - gathered in August.  
I enclosed what appears to  
be a sound acorn.

Sent you a note last  
evening.

The California Survey is  
"busted," and there is no telling when  
the Botany will be printed. It is a  
pity. I have all of Browns oak



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1845  
The following is a list of the  
plants which I have collected  
in the mountains of the  
State of Missouri, during  
the summer of 1845. They  
are all new to me, and  
I have no doubt that they  
will be found to be new  
to the State. I have not  
yet had time to examine  
them, but I have no doubt  
that they will be found to  
be new to the State.



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May 13 '74

specimens, acorns, etc. - and also the  
living ~~and~~ herbarium set, and was  
going to look into them some time.  
The Californian ~~plant~~ apical are done  
with that exception, and the willows which  
rust with it, and a species or two of populus  
and platanus.

Yours very truly  
Frederick Watson



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Rec'd Nov 12

Aug 15

BOTANIC GARDEN, CAMBRIDGE, MASS.

Nov. 9<sup>th</sup> 1874.

Dear Dr. Engelman

Your note

rec'd. - Dr. Gray sent you  
today package containing the  
bundles from Andersson,  
found volume of Trine's reports  
on Bot. within Exb<sup>m</sup> (with cryptog?),  
and duplicates of specimens  
for your herbarium.

We have no original specimen  
of *Gamb. calycosa*, and only 840 Kell,  
& Hartf. as referred. ~~Trine's~~  
~~however~~ has sent a *Gamb.*  
from his region, evidently the  
same thing as *Andersson's*



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Nov 9, '74  
Q. calycosa?, and of which he  
is disposed to make a new  
species. You will find an  
specimen inside of the book  
in the bundle, for your  
decision.

I have never undertaken to  
write a specific description of  
an oak, and would not until  
I had studied them more. I  
do not know what distinguishes  
Q. undulosa from other species.

Yours very truly

Jesse Watson



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Recd Nov 27  
as - 129

from J. Watson

Cambridge

Nov. 23<sup>rd</sup> 74

Dear Dr. Engelman,

Do not you  
want all our lot of Erythraea.  
There is considerable material  
here, which will help you if you  
intend working up the genus.

In the first place I do not know what  
*E. chironioides* is. Grisebach cites 295, &  
345 Berlandier, which are not here, and  
Torrey cites 3191 Berland., which is the same  
as Gregg's ("fl. pink - valley (moist) between Mapimi & Guajre-  
nila. April 10<sup>th</sup> 47.") with long pedicels &c — your  
"Mexicana?", I suppose. Berlandier's plant is  
ticketed "Sierra de San Carlos de Tamantipas, 1838."

I do not find that *E. Mexicana* was even de-  
scribed. It is probably only a MS. herbarium  
name found by Grisebach among Hooker's  
specimens of Drummond's collection, and fortunately  
changed by him to *Texensis*, foreseeing perhaps the



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political change that soon ~~followed~~ <sup>took place</sup>.

E. Texensis + Beyrichii are evident enough.

The Californian species are more confused. I enclose <sup>bit of</sup> an original Douglasian specimen of E. tricaule.

The majority of Californian plants, though often larger, seem to be the same.

There is also plenty of Torrey's E. chironioides, B. - and Mt. names enough (venusta, Torr. & Gray, = 561, 562 Coulter - fasciculata, Nutt. - species Nutt. - etc.) for all needs.

Your Nevada specimens I should take, without examination, to be E. Nuttallii. I know of no other species in that region. My figure is one of the poorest in the book, the first drawn and one of the first engraved, & therefore done when we were all green at the business. I wanted it suppressed. It is a simple mistake as to the scale on which the seed is drawn - eight should read sixteen.

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*W. Watson*



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Recd Dec 14

BOTANIC GARDEN, CAMBRIDGE, MASS.

Dec. 30 1874.

My dear Dr. Engelman

I enclose  
the bits of *Erythraea* that you  
ask for — another of original  
*tricantha*, and as good fruit as  
is of Lindheimer 464. With the last  
I put mature fruit of another  
Lindheimer specimen which appears to  
be the same thing. 4950 Bolander  
is not in the Herbarium.

It does not look as though the thin  
cupped oak of Kellogg ought to be any  
near kin to the *q. chrysolepis* of which  
I enclose a cup.

Yours very truly

Samuel Watson



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1848

Handwritten text in Arabic script, likely a botanical or scientific manuscript. The text is written in a cursive style and covers most of the page. It appears to be a detailed description or record of a plant or natural phenomenon.



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Recd May 9<sup>th</sup>  
Ans same day

1875?

Cambridge

May 6

Dear Dr. Engelman

Did you  
not get my note asking about  
*Opuntia Tuna* (?)?

Prof. Brewer suggested that some  
reference should be made to it,  
as the most conspicuous and gen-  
erally known cactus in the state,  
perfectly naturalized about the  
old Missions. You have spoken of  
it in your Revision of the Cactaceae &  
in Cact. Bot. Mex. Bound., and it is  
mentioned & illustrated in Whipple's  
Rep. (Pacif. R. Rep. II.).

I have kept back the page from the  
foundry in order to hear from you, and  
there will be yet time for you ~~now~~  
to authorize mention of the species,  
before the plate will be needed



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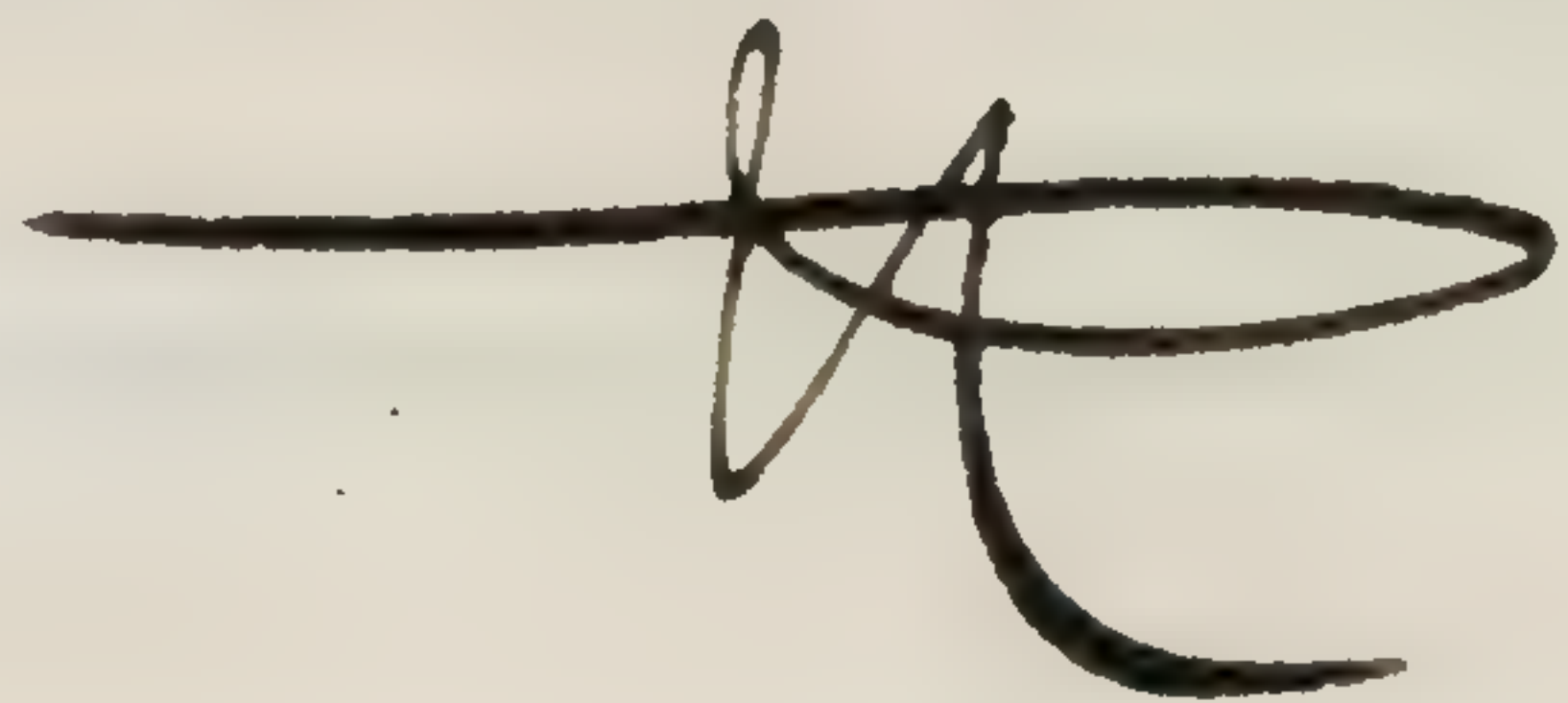






May 6

for the press. There is room  
for a line, which will be  
enough.

Yours very truly,  
Serris Watson  


I am distributing Palmer's  
S. Californian Collection.  
Can you conveniently return  
such of the oaks (if any) as I sent  
you, and the names of the conifers.  
The books (Pringle's + Ann. Sci. Nat.)  
are safely received, with the photographs.

S.W.  




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1844  
From the University of  
Michigan, Ann Arbor  
to the University of  
Michigan, Ann Arbor  
J. H. R. H. H.

Received of the University of  
Michigan, Ann Arbor  
the sum of \$100.00  
for the purchase of  
the books of the  
University of Michigan  
Library

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Rec<sup>d</sup> June 7

Cambridge - June 3<sup>d</sup>

Dear Dr. Engelman

1875

Dr. Gray asks me to look after your juniper notes. There is no fruit with Wright's 314), only young male flowers.

I chance upon fresh specimens of the W. Nevada juniper from Laramie, which I enclose - also an odd looking thing of Dyall's. I never saw the Nevada tree (occidentalis, I suppose) with so small fruit as Linthum's which you send.

I have not forgotten your question about the genus *crassipocula* but have not yet had the courage to look into the matter. Yours Truly

Frederick Watson



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1852  
Cincinnati, Ohio  
Dear Mr. [illegible]

I have just received your letter of the 11th inst. and am glad to hear that you are still in the city. I am well and hope this letter will find you the same. I have not much news to write at present. I am still engaged in the same work as before. I have not yet had time to write you more fully. I am, however, very anxious to hear from you. I am, dear Mr. [illegible], very truly,  
Your friend,  
George Engelmann

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I have not yet had time to write you more fully. I am, however, very anxious to hear from you. I am, dear Mr. [illegible], very truly,  
Your friend,  
George Engelmann



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BOTANIC GARDEN, CAMBRIDGE, MASS.

Rec<sup>d</sup> Aug 24  
Aug 30

Aug. 20<sup>th</sup> 1874

Dear Dr. Engelman,

I have  
sent you a package by  
mail containing some  
specimens of the  
Mexican cactus  
Cylindropuntia  
Palmeri last spring, some  
which you may find  
in fruit.

8 v. *Quercus* - often large, 4 ft  
high.

9. *Quercus*

20. *Pinus*. At high elevations (3-4,000 ft.)



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a showy tree, the largest  $7\frac{1}{2}$  feet  
around.

91. *Juniperus*, abundant, about 15  
feet high, exceedingly crooked.

92. *Cupressus macrocarpa*, I  
suppose. A fine widespreading  
tree 40 feet high. Bark dark-brown,  
exfoliating every 3 years. Wood  
white. Fruit abundant.

I also add a *Euphorbia* from Sen-  
more in the northern Sierras, which  
puzzles me. It is at least  
hemispheric.

Palmer's collection is small  
in species, about 120 in all, but  
rich in novelties & good things. There  
are some 20 new species; among  
them a palm 30-40 feet high, a



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is about the length of the leaf

11. Leaves, about 12  
dark light, mostly smooth.

12. Leaves are more  
apparently from the  
the 10 feet high. 13. Leaves  
are 3 feet high. 14. Leaves  
are 1 foot high.

15. Leaves are 2 feet high  
and are in the same  
position as the leaves of the

16. Leaves are 1 foot high  
and are in the same  
position as the leaves of the

17. Leaves are 1 foot high  
and are in the same  
position as the leaves of the  
18. Leaves are 1 foot high  
and are in the same  
position as the leaves of the  
19. Leaves are 1 foot high  
and are in the same  
position as the leaves of the  
20. Leaves are 1 foot high  
and are in the same  
position as the leaves of the

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Rec Sept 18<sup>th</sup>

Ans - 28

BOTANIC GARDEN, CAMBRIDGE, MASS.

Sept. 15<sup>th</sup> 1876.

Dear Dr. Engelman,

Yours are

hand with enclosure, #15-

on Dr. Palmer's account

Thank you. There will be a

little article in Proc. Am.

Acad. with notes upon his

things some time - before

a very great while - but

if you would like the names



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names soon I will  
copy the list for you.

S. Cleveland is a lawyer  
at San Diego, Secretary of  
something of one of the  
rich Nat. Hist. Soc. of that  
place, who takes a considerable  
interest in botany without  
knowing much about it.  
He has sent some good  
things, but only a single  
Agave, much like some  
Mexican ones in the



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Sept 15 '75

Garden. Not much yet  
from Dr. Palmer from  
that region.

Yours very truly  
Frederick M. W.



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1844  
From the  
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From the  
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the

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Rec Oct 25 1875 Oct 22  
Ans sendy to Gray.

Dear Dr. Engelman

I cannot  
help you much on the  
Abies. The only specimen  
of which I called *A. grandis*  
in herb. Gray from my collection  
on ticked as from the Washoe  
Mts., near Carson City, Nevada,  
and I have no reason to suspect  
the correctness of the label.

There are 2 specimens, of which  
I send leaves — you can tell whether  
they match those you send me.

I send by express the books you  
ask for, and Dr. Hootale adds  
Catalogue of Lindheimer's woods  
as complete as he can make  
it out from the specimens — the  
original having been laid away so



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Oct 22

from Dr. Robinson

of course

help you much on the

subject. The only specimens

of which I have seen at present

are from your collection

on the subject of the

varieties of the

varieties of the

varieties of the

varieties of the

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Oct 22 '95

carefully that he cannot put  
hands upon it.

Dr. Palmer shipped from S. Fran  
on 9<sup>th</sup> inst. by express  
a large collection of specimens,  
among which there will be cactuses,  
Agaves, Yuccas, Conifers, oaks, &c.  
These must be sent to you (in  
bulk or only a set?) - Can  
your Agave article wait for  
them? We have also a set

- photographs (20) of cacti &  
gaves, which you may like to  
see with them, if you have not  
had them already sent you.

How about the Granddune Ar.  
pusilla? Palmer says it seems  
to him different from the C. macro-  
carpa about San Diego.

Yours very truly  
Frederick A. B. S. P.

*[Signature]*



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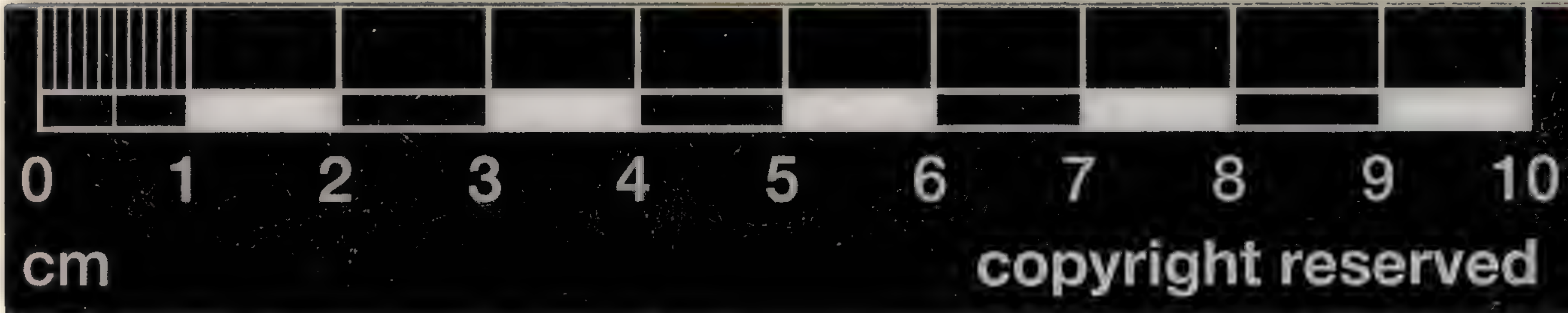


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compared these in common with  
 some of the others  
 for Polaris and the other  
 in the large collection of specimens  
 showing which there were in common  
 between the two, but not in the  
 others. There must be some to go in  
 with the only a few (?) - can  
 you get over which would be  
 there? In the case of one  
 - the other (50) of each  
 pair, which you may like to  
 see with them, if you have not  
 had them already. I am  
 now about the same as  
 before! Polaris and the other  
 to him before from the C. group  
 and some from the B. group  
 which you may like to see  
 and the other

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Rec Nov 12<sup>th</sup>

Am - 14

BOTANIC GARDEN, CAMBRIDGE, MASS.

Nov. 10<sup>th</sup> 1874.

Dear Dr. Engelman,

Dr. Palmer's

box came but has come

3 days ago and yesterday

I sent you by Express all

of his collections for which

you asked - with the excep-

tion of some specimens

of Pinus which were overlooked

and which I will send you

by mail. With the rest

you will find the photographs

of Cactus, &c. also a volume



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of Ann. Sci. Nat. + another of  
Planchon, as asked for.  
Moreover I have taken the  
liberty to send you the whole  
of Brewer's collection of Califor-  
nian oaks and acorns, for  
your examination, by which  
you may be able to settle  
the *Q. chrysolepis* question -  
requesting their return at your  
earliest convenience.

I suppose that you will be  
ready ~~to~~ with the Cactaceae for  
the California Flora when wanted,  
which will probably be by the end of



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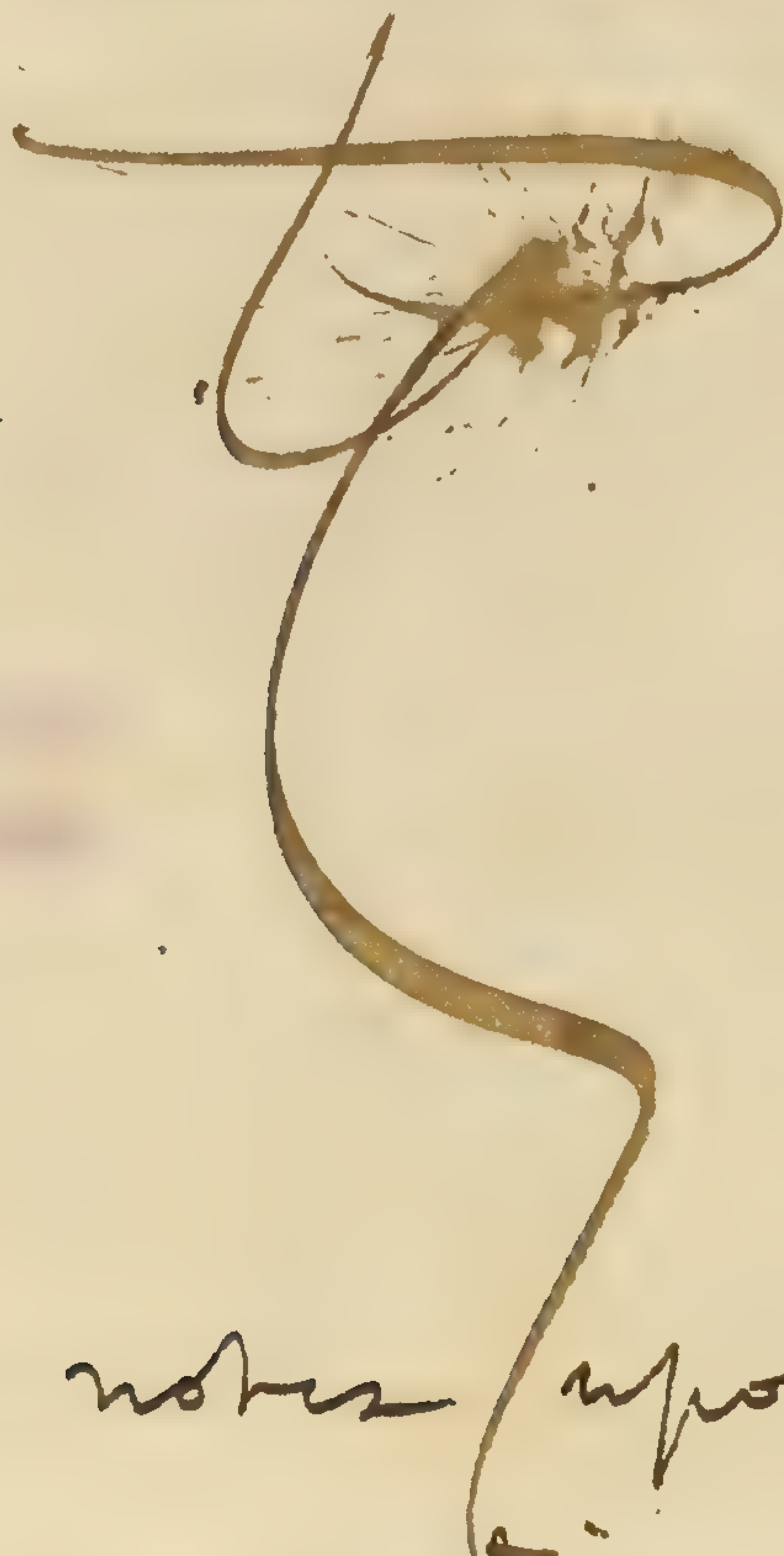


Nov 10 98

January. The printers are now  
on the polypetalae and should  
be nearly through by that time.

Yours very truly

Frederick Watson



I will send you Palmer's notes upon his  
numbers as soon as I can get time to  
draw them off. I am closely driven  
just now.



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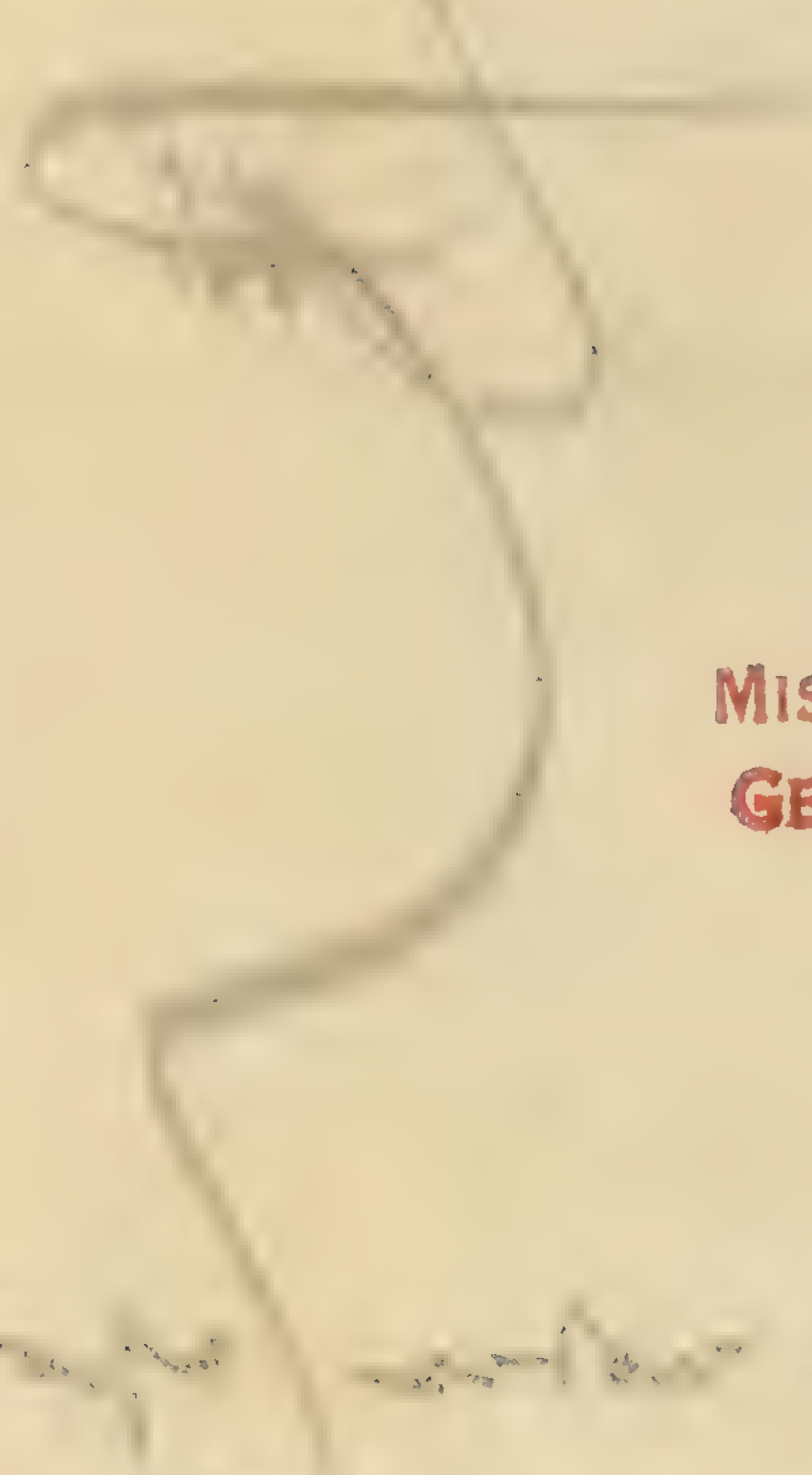
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Jan 10 1882  
The following are the  
plants which I have  
collected at the  
place mentioned  
above



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It is a very small plant  
which I have seen in  
the place mentioned  
above



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Rec Nov 20<sup>th</sup>

Am - 22 to Grace

BOTANIC GARDEN, CAMBRIDGE, MASS.

Nov. 17

1874.

Dear Dr. Engelmann

Herewith

find Dr. Palmer's notes. I

suspect that all his Cac-

tacina, as well as some other

portions of his collections,

have gone in to the Washington.

I am sorry that you do

not take kindly to Brown's

oaks. I thought it would be

a special pleasure to you

to examine them. Now



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GARDEN



Now that you need to go  
through them at once, but  
consulting your own "convenience"  
and doing me the favor to  
return them without unneces-  
sary delay. The acorns  
in boxes with their numbers  
all belong with Brown's speci-  
mens in the papers, which  
were all together at one end  
of the box and easily recogni-  
zable. I did not go through  
them and take a list of num-  
bers (as I did of Palmer's), but



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Nov 17 '75

if you shall on examination  
wish his notes upon any  
specimens, I can easily find  
them for you by the number.

So it seems that Simpson  
has found his *Uss. repens*. I  
was in hopes rather that he  
would not succeed in laying  
hands on it again.

Yours very truly

Samuel Watson  




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21 Feb 1858  
To the Hon. Secy of the  
Interior  
Washington  
Dear Sir  
I have the honor to acknowledge the receipt of your letter of the 17th inst. in relation to the application of the Department of the Interior for the purchase of the land in question. I have the honor to inform you that the same has been referred to the proper authorities for their consideration. I am, Sir, very respectfully,  
Yours very truly,  
G. Engelmann

MISSOURI BOTANICAL GARDEN  
GEORGE ENGELMANN PAPERS





Rec<sup>d</sup> Jan 27  
An - 28

BOTANIC GARDEN, CAMBRIDGE, MASS.

Jan 24<sup>th</sup> 1876

Dear Dr. Engelmann,

I find  
your note to Dr. Gray  
on my table this morning,  
- a hint that he wishes me  
to see to your questions.  
The Dr. starts this evening for  
Washington, for a week or more,  
and will doubtless be very  
busy all day.

I find <sup>an</sup> original specimen  
of *G. douglasii* in the herbarium,  
which has decidedly the tomentose  
buds of which you speak. There



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I forward you the copy  
known and you will doubtless  
have from him. I will have it  
for you in some volume the  
corker and even as well  
also. I am healthy & feel that  
you have taken the time  
in case.

Wm. B. V. only  
Wm. B. V. only  
Wm. B. V. only



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is no original of *S. Garryana* -  
the most authentic being of  
Lyall's Boundary collection named  
at Kew, of which I enclose  
portions.

*Calycocarpum*, as a genus, begins  
in Gray's *Linnaea Illustrata*. Nuttall  
proposed it as a section of *Meni-  
spermum* in *Trans. & Gray Fl.*, i. c.  
so far as the record shows, though  
in fact he would have made it a  
genus distinct, and Gray rightly  
enough credits him with it in the  
*Comura*. According to all rule, however,  
the species should be cited as "*C. Lyoni*,  
Gray."



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Recd Feb 23<sup>d</sup> 1876

Cambridge  
Feb 21

My dear Dr. Engelm.

In reply  
to your favor of 17<sup>th</sup>  
I have, as the most  
satisfactory thing to do,  
sent you by express today  
everything that we have  
here in the shape of  
~~the~~ Quercus of any kind from  
California and the west.  
This will probably save  
both your time and my  
own. As for the Torrey col-  
lection I would rather advise  
your having them sent to you, as  
there are specimens there which  
you will not otherwise have proba-  
bly. I never studied that collection,



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Feb 21

excepting the Rocky Mts. species,  
and do not pretend to know  
anything at all about the Cali-  
fornian ones.

I have a note from Dr. Wheeler  
this morning stating that you have  
consented to prepare a report on  
your specialties among his collections,  
and requests me to send you such  
plants of collections of '71 & '72 as  
you may require. I presume  
that I can get all or most of them to-  
gether & will do so with pleasure, if  
you let me know definitely what you  
wish. You have the published list, I  
presume, and will know from that  
what to call for. The Cactaceae and  
some other things you passed upon  
at the time.

I take pleasure in sending you  
my paper from Proc. Am. Acad.

Yours very truly  
Severus C. Gardner



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Rec<sup>d</sup> May 17<sup>th</sup>

Ans by P.C. same day

BOTANIC GARDEN, CAMBRIDGE, MASS.

May 13 1876

Dear Dr. Engelman,

Your letter  
was rec<sup>d</sup> two days ago (the P. card  
still minus), and I have made  
most of the changes which you  
suggest — putting in a couple  
of lines all that was necessary  
in regard to *O. Tuna* & *O. Ficus indica*,  
and making the alteration respecting  
*Cereus Emoryi*. The operation  
*prolifera* will have to go as it is,  
it being too late to alter the plate.

I must plead guilty of the errors  
which you note in my paper, and  
thank you for mentioning them.  
One was <sup>due to</sup> your carelessness and the  
other to forgetfulness.

I cannot help you on Nuttall's  
*P. densa*, you having all of our  
material. If you do not find it



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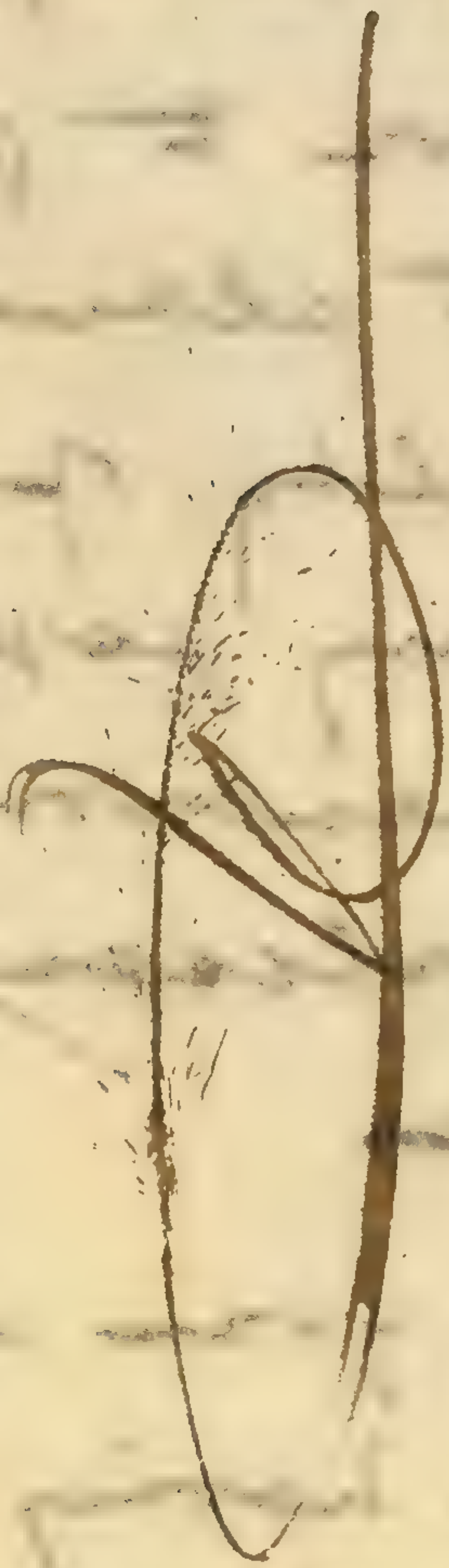
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of Meyer? we have an original specimen of *Boerhaavia*  
colubrina, very imperfect, but looking more like the  
Texas species, which I perhaps think is distinct from  
the Nevada one. However there is no hurry about settling  
the matter.

Wm. B. V. B. B.

Geo. W. Nelson



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It is because we are not fortunate enough to have the specimens.

Keep the collection as long as you have any use for it, so that you do not let it burn up.

I am puzzled just now to find where you described *Juncus Cooperi*, which I included in the synopsis of the genus at the end of my Report, but which is not in your revision. Did I have it directly from you? There is no specimen in the herbarium, and I get no other clue to it. The enclosed is in Palmer's collection from Juncal Valley, in quantity, very stout, 2 or 3 feet high. Is it the same? ~~Just asking!~~

He also sends from S. Diego and the region east a new *Ephedra*, allied to *E. trifurca*! Do you know whether the common Nevada species of my report is the real *E. antisyphilitica*.



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Rec May 29 1870  
L 50

My dear Dr. Engelman  
sent of *Quercus* by way  
of *Quercus* for *Quercus*

May 26

Dear Dr. Engelman,

I send by  
mail what of Liebmann we have  
on oaks, which will probably  
help you. In Hook. Jour. Bot. & Kew  
Misc. 1852 and 1853 there is a trans-  
lation of a lecture of his upon  
the oak vegetation of America,  
concerning distribution &c., which  
you might like to see, but <sup>perhaps</sup>  
you have or can find <sup>it</sup> in St. Louis.

There is a Pope Valley P.O. in Napa  
County, Calif., according to the  
Post Office Directory. I do not find  
it on our maps.

You need not bother over Palmer's  
Euphorbia, unless you choose. I believe



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1850

13 July

Dear Sir

I have the

pleasure to inform you that the  
specimens of the plants which you  
sent me for the purpose of  
determining their nature, have  
been received and are now  
under the care of the  
Missouri Botanical Garden.  
I have the honor to be,  
Dear Sir, your obedient servant,  
J. E. Smith





there is nothing very rare among them.  
Have been spending the last two weeks  
on Rothrock's Leguminosae for Wheeler's  
report.

Yours very truly  
Frederic Watson



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Rec. June 2<sup>d</sup>  
1896?

1896?

*phedra subtriplylla*

*pro. 3. v. m. lly*

Cambridge, May 30

Dear Dr. Engelmann,

Some ill-luck

attends your Postal Cards; that of  
17<sup>th</sup> May also has failed to come to  
hand.

I did not know that you had  
been at work upon the Ephedras  
or intended it, and have no desire  
to interfere with your work and  
determinations. But there is a quan-  
tity of these specimens of Palmer's  
that will go out in his sets - old and  
young stems, fruits and male flowers -  
and they should have at least an ap-  
proximate determination, it seems  
to me. If you are willing to father  
one, so much the better.

But I really do not see what this  
has to do with the El Paso specimens



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May 30

of bright and highlow, nor with Barry's  
S. W. ones - judging from what we  
have of them.

I suppose that I got your precious  
Cooper's paper at Washington, as I think  
the paper was drawn up there - possibly  
at New Haven. Certainly not here.

Thanks for it.

Dr. Gray & wife start for Philadelphia  
in a day or two.

Yours truly  
Frederick M. Bailey



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Rec<sup>d</sup> July 1 -

1896

July 1

Cambridge

July 1

Dear Dr. Engelman,

Box received

safely.

Thanks for <sup>Agave</sup> Yucca + oak pa-  
pers, and on behalf of the Herbarium  
for the numbers of Trans. St. Louis  
Academy.

I had forgotten there was so  
much Euphorbiums, &c., material  
sent you from Palmer's collection  
and am happy that you  
have named ~~them~~ most of them.

When you wish to return the oaks  
of Brown's collection and Herb. Gray it  
will be best to send them all here  
again, and I will see that his are  
sent to him. I wish to collect his num-  
bers + your determinations on.

Yours truly Frederick Watson



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Rec<sup>d</sup> July 10<sup>th</sup>  
Ans July 13

BOTANIC GARDEN, CAMBRIDGE, MASS.

July 7<sup>th</sup> 1876

Dear Dr. Engelman

I sent you  
yesterday by express a bundle  
containing Copy of Benth &  
Hook. ~~Cham.~~ Pl. II. 2., Botany  
of California, I., Wms  
Herbarium specimens,  
and cones of Palmer's  
collection which might  
better have gone in the  
box sent you.

Hope they will reach  
you safely.

I do not know that Dr.  
Gray has replied to your  
several queries respecting the  
~~Prunus~~ ilicifolia. We had  
plenty of fruit, & Brewers notes



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upon it. You will <sup>July 1 '76</sup> see that I  
have retained it in the section  
Lanceoecarum, with which it  
appears to accord essentially,  
and Dr. Gray is of the same  
opinion.

And by the way I distribu-  
ted the specimens of Palmer's  
Ephedra finally without  
name, not fancying the  
one which you proposed any  
better than your mine.  
So that field is left all clear  
as yet.

Yours Truly  
B. Watson  
R



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Missouri Botanical Garden  
George Engelmann Papers

MISSOURI BOTANICAL GARDEN  
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Rec<sup>d</sup> July 20  
Any same day

BOTANIC GARDEN, CAMBRIDGE, MASS.

July 7 1876

Dear Dr. Engelman,

Your *Astragalus* is  
*A. Purshii*, with scarcely any  
doubt, rather than *A. inflexus*.  
The umbellate is one of the  
~~*unidentified*~~ referred  
to in my revisions under  
*P. ambiguum*, coming in  
now from several sources,  
but always without fruit.  
I think it *P. farinosum*, Geyer,  
and that this name should  
not have been made a syno-  
nym of *P. ambiguum*.

The Downingian is a good  
large-flowered *Laurentia* (*Pentstemon*)



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their work, now indeed what they are expected  
you to pay for them. The paper of printing &  
binding of the edition of 350 copies was mainly paid  
for by himself, the California - contributing def-  
fusing for little more than finishing the plans.

Wm. Wm. Wm. Wm.

Wm. Wm. Wm. Wm.

Wm. Wm. Wm. Wm.



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Cornus, Benth.

July 17 '76

would be glad to have ripe  
fruit of the European *Laurus-  
cerasus*. I enclose some  
of the Japanese *P. spinulosa*  
+ our own *P. Carolinae*,  
which are always put in  
that section - shall say more.

Prof. Whitney sends you the  
Bot. Calif., in acknowledgment  
of your services on *Cactaceae*  
etc. I think you mentioned  
to Dr. Gray the receipt of the  
extra sheets of *Cactaceae*. They  
were to have been sent you  
from the Printing Office direct. Prof.  
Whitney had not his bills from  
the printer when I last saw  
him and I do not know



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The weather was very fine  
and we were always full in  
+ our own & confidence.  
of the future & of the  
success I am sure we  
shall be glad to have you

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HERBARIUM

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V. ludoviciana  
Recd Aug 7<sup>th</sup> 1876  
Ans in 10 days

Cambridge, Aug 1.

Dear Dr. Engelman,

Have you specimens of "Ervum pilosum, Engelm. in Oestr. Bot. Zeit. 1859, 363", of which Alefeld talks in Bonplandia, 9. 119, referring it to *Vicia tridentata*, Schwein. (T. & G. 1. 272.)

This *Vicia tridentata* is a very doubtful thing in my opinion — at least I do not know what it is, unless perhaps a hairy form of *V. americana*. If you can throw any light upon it I shall be very glad.

I had the pleasure yesterday of meeting your son as Dr. Gray's taber + making his acquaintance. I hope for the still greater pleasure of seeing yourself here shortly.

Yours very truly  
Sereno Watson



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Chamberlain (see 1)

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of [illegible] of [illegible]

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Rec Aug 12

BOTANIC GARDEN, CAMBRIDGE, MASS.

Aug 9<sup>th</sup>

1876

Dear Dr. Engelman,

Thanks for  
your letter of the 7<sup>th</sup> inst. and  
the seeds, with  
others of true *V. pusilla* from  
Texas. The seeds are not properly  
described as "minutely tuberculate,"  
as you will discover. But does  
your seed belong to the genus  
or not? Its shape is suspicious  
and I fail to find trace of the  
proper hilum.

I should infer however from  
Bischoff's account that he had  
seen the seeds and raised the  
plants from them.

I am glad that Dr. Gray  
is soon to get away to the



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mountain & much  
than the trip and good  
company with him  
good. The number of labor  
unusually dependent and  
worried about himself.

I have not seen Whitney  
I ask about them expenses,  
but I have little doubt that  
it is all right as it is. If  
not I will tell you. At any  
rate do not trouble yourself  
about it.

Yours Truly

Wm. H. H. H.

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Rec Dec 24

1876?

Jan 11

Cambridge, Dec. 21

Dear Dr. Engelmann,

Worst of

hands. Let us have a compromise — you + Rethrock + I.

I will not ask you to do Euphorbia.

You send me back my MSS. and

I will work up the genus "after a fashion". I have just gone

over the rest of the order & feel

more in the mood for Euphorbia

than I did. My old work is of

very little value, except as a

sort of novum. The ground has

to be all gone over again. Give

me any offhand suggestions that

may occur to you regarding the

species and I will try my best

not to disgrace myself.

Then will you please take up

the oaks, which you now have

well in hand and are fresh

upon, and give me your descrip-

tions of the 11 or perhaps 12 species

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Dec 21

that must be included in the Bot. Calif. I see that they fall of themselves into several groups, and it cannot be any very great labor now for you ~~now~~ to get these off your hands. This will allow me to use all my now proposed Mass. clean up to Loranthaceae - as you will see from my list of orders. Possibly, with some hints from you, I might venture to do other orders also. There are left Ephedra and the Conifers, which I suppose are what Dr. Rothrock is expecting from you, and which nobody but you can do for Bot. Calif. - Rothrock can wait for this better than I can, for I do not hear that the printers even are at work upon his report. I think that he himself is doing little or nothing upon it. What do you say? Thanks for the Quercus & Juniper papers. Yours Very Truly  
 They seem to run a good thing better than  
 when done.



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